

Method and agent to differentiate between and to determine leucocytes

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Abstract of EP0343380

The invention relates to a method and agent for the differentiation and quantitative determination of leucocytes in whole blood by means of flow cytometry by measurement of the cell volume, scattered light and fluorescence. The method is characterised in that whole blood is treated with an agent which lyses erythrocytes and fixes leucocytes. A mixture of at least two fluorescent dyes from the thiazole and aminoanthene group is added, the stained cells are excited with a wavelength, and the relative intensities of the fluorescence emission are measured simultaneously at at least two different wavelength ranges, and the forward and wide-angle scattered light is determined.

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